

09977437-13201

<400> 11
Met Thr His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys
1 5 10 15

Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Pro Cys
35 40 45

Pro Leu Ile Ala Ser Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
85 90 95

Cys His Ala Arg Lys Gly Asn Val Pro Cys Pro Ser Ala Trp Ser His
100 105 110

Pro Gln Phe Glu Lys
115

<210> 12
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: chelon

<400> 12
Met Thr His Cys Glu Glu Ala Ser Ser Leu Ala Glu His Lys Leu Lys
1 5 10 15

Asp Val Arg Glu Lys Met Ala Asp Leu Ala Arg Met Glu Thr Val Leu
20 25 30

Ser Glu Leu Val Cys Ala Cys His Ala Arg Lys Gly Asn Val Ser Cys
35 40 45

Pro Leu Ile Ala Leu Leu Gln Gly Ser Ser Gly Thr His Cys Glu Glu
50 55 60

Ala Ser Ser Leu Ala Glu His Lys Leu Lys Asp Val Arg Glu Lys Met
65 70 75 80

Ala Asp Leu Ala Arg Met Glu Thr Val Leu Ser Glu Leu Val Cys Ala
85 90 95

Cys His Ala Arg Lys Gly Asn Val Ser Cys Pro Ser Ala Trp Ser His
100 105 110

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Pro Gln Phe Glu Lys
115

<210> 13
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 13
tgcggcggtc tcaaattgaca cactgcgagg agg 33

<210> 14
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 14
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<210> 15
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 15
ctacagggat cctcaggcac ccactgcgag 30

<210> 16
<211> 33
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 16
ctgttagggtc tcggcgctcg ggcaggaaac att 33

<210> 17
<211> 354
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sequence
encoding chelon

<400> 17
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gcacgaaagg ggaatgtttc ctgcccgttg atcgcgtcac tacaggatc ctcaggcacc 180
cactgcgagg aggccagcac cctggcccaa cacaagctca aggacgtcg cgagaagatg 240
gcccacttgg cgcgcattgg aaccgtgtg tctgaactcg tctgcgcctg ccatgcacoga 300
aaggggaaatg ttccctgccc gagcgcttgg agccacccgc agttcgaaaa ataa 354

<210> 18
<211> 509
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:sequence
encoding chelon flanked by sequences derived from
plasmid

<400> 18
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gataaacggg gcaaaaaatg acacactcg aggaggccag cagcctggcc gaacacaagc 180
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acgtgcgcga gaagatggcc gacttggccg gcatggaaac ctgtctgtt gaaactctgtt 420
gcccctgcga tgcacgaaag gggatgttt cctgcccggc cgcttggago cacccgcagt 480
tcggaaaaata ataagcttga cctgtgaag 509